

The pages in this document were taken from the "Millers Creek Watershed Improvement Plan" published in April 2004. The entire document can be found at <http://www.aamillerscreek.org/Findings.htm>.

Millers Creek Watershed Improvement Plan

Excerpt Showing an Example of Management Objectives

April 2004

6.1 Watershed Management Objectives

In order to develop the Millers Creek Improvement Plan, it was important to first identify specific objectives that could lead to successful goal attainment. Specific actions were then identified and designed to meet the specific objectives. This process was used to ensure that the proposed actions would be able to objectively achieve the goals of the improvement plan. As such, this implementation plan is consistent in terms of matching practical actions with

appropriate and measurable objectives, and appropriate and measurable objectives with identified improvement goals. The project objectives are summarized below:

1) Watershed Land Use and Management

Objectives: Maximize land preservation and minimize directly connected impervious area while directing unavoidable development in ways that protect important watershed processes and water resource functional values. Improve land cover where possible by reducing impervious surfaces, establishing forests and prairies, reducing turf grass, and planting trees.

2) Hydrology

Objectives: Maximize the amount of storm water captured, detained, and treated. Reduce bankfull peak flows, the channel forming flows, by at least 50%.

3) Water Quality

Objectives: Decrease overall pollutant loading to Millers Creek as much as possible. Decrease total phosphorous loading by 50% from existing conditions (per Ford and Belleville Lakes TMDL). Reduce *E. coli* numbers in surface waters to the state water quality standard of a summer (May to October) 30-day geometric mean of 130/100 ml (per Geddes Pond TMDL).

4) Fish and Wildlife Habitat

Objectives: Increase biological diversity of terrestrial and aquatic wildlife by improving habitat, reducing or eliminating habitat impacts, and conserving critical habitats. Habitat shall be rated good by the standard GLEAS procedure.

5) Public Understanding and Support

Objective: Develop and maintain project support by promoting public awareness, understanding, and stewardship. Offer effective opportunities for public education, training, input, and participation. Provide readily available technical and information-based resources.